

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011025AR\
 Data File : FD048931.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jan 2025 12:20
 Operator : YP/AJ
 Sample : PB166003BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB166003BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/13/2025

Supervised By :Ankita Jodhani 01/13/2025

Integration File: autoint1.e

Quant Time: Jan 10 23:15:33 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123124.M

Quant Title : GC Extractables

QLast Update : Tue Dec 31 12:22:13 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.358	6668196	41.914 ug/ml
Spiked Amount 50.000		Recovery =	83.83%
6) S 2-Fluorobiphenyl (SURR)	8.208	3717748	38.017 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.03%
11) S ortho-Terphenyl (SURR)	11.242	7018003	38.241 ug/ml
Spiked Amount 50.000		Recovery =	76.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.181	4511447	26.167 ug/ml
2) T Naphthalene (C11.7)	5.698	5673675	31.242 ug/ml
3) T 2-Methylnaphthalene (...)	6.744	5672011	30.768 ug/ml
5) T Acenaphthylene (C15.06)	8.010	6835134	37.153 ug/ml
7) T Acenaphthene (C15.5)	8.305	7070177	37.257 ug/ml
8) T Fluorene (C16.55)	9.084	7209246	40.443 ug/ml
9) T Phenanthrene (C19.36)	10.472	7131194	40.664 ug/mlm
10) T Anthracene (C19.43)	10.548	7329964	43.200 ug/ml
12) T Fluoranthene (C21.85)	12.277	7433845	41.134 ug/mlm
13) T Pyrene (C20.8)	12.569	7378871	41.045 ug/ml
14) T Benzo[a]anthracene (C...	14.440	7087031	44.983 ug/ml
15) T Chrysene (C27.41)	14.482	7072825	36.615 ug/ml
16) T benzo[b]fluoranthene ...	15.990	7165828	43.335 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.024	6955152	38.392 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.365	6812437	40.887 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.735	6634472	49.859 ug/mlm
20) T Dibenz[a,h]anthracene...	17.769	6615275	35.870 ug/ml
21) T Benzo[g,h,i]perylene ...	17.984	6645752	39.805 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB166003BSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

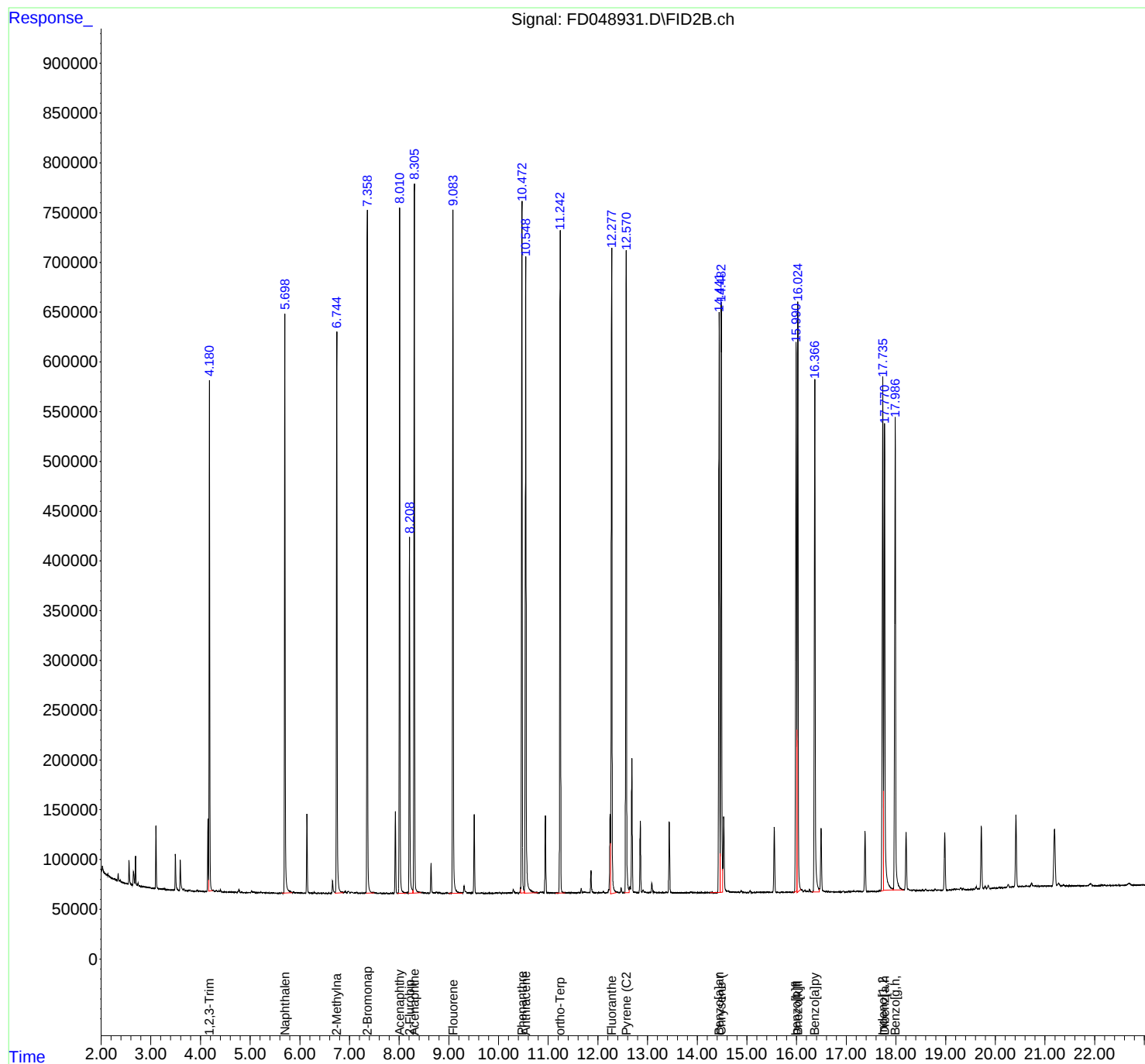
Instrument :
FID_D
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PB166003BSD

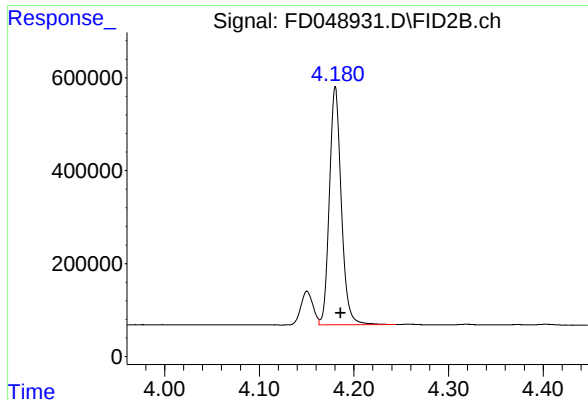
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123124.M
Quant Title : GC Extractables
QLast Update : Tue Dec 31 12:22:13 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





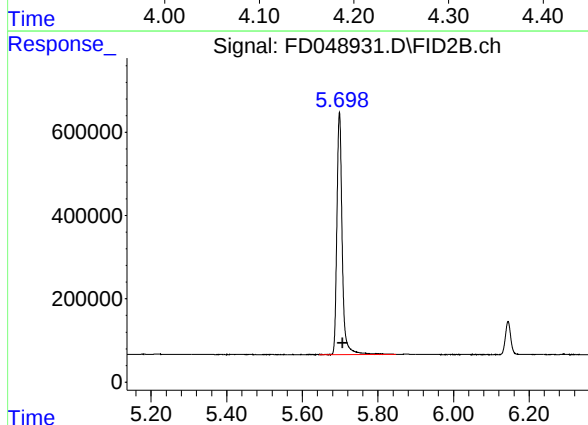
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.181 min
Delta R.T.: -0.005 min
Response: 4511447
Conc: 26.17 ug/ml

Instrument :
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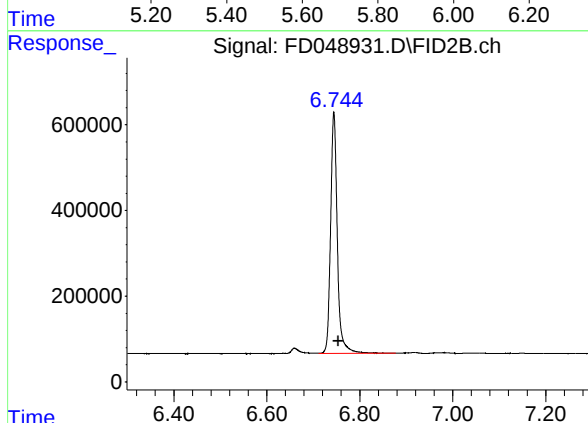
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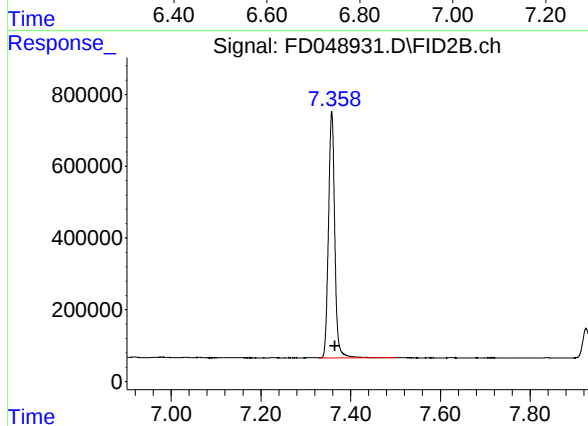
#2 Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: -0.008 min
Response: 5673675
Conc: 31.24 ug/ml



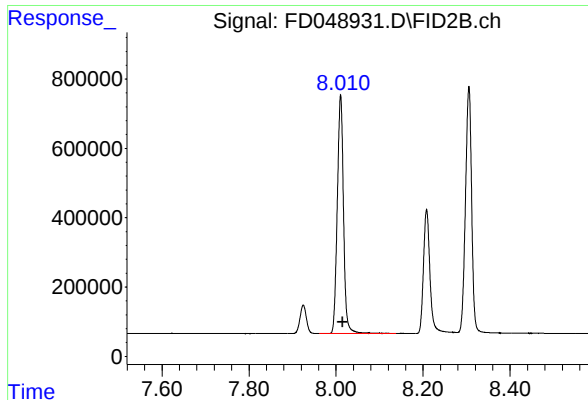
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.744 min
Delta R.T.: -0.009 min
Response: 5672011
Conc: 30.77 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.358 min
Delta R.T.: -0.008 min
Response: 6668196
Conc: 41.91 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.010 min
Delta R.T.: -0.005 min
Response: 6835134
Conc: 37.15 ug/ml

Instrument :

FID_D

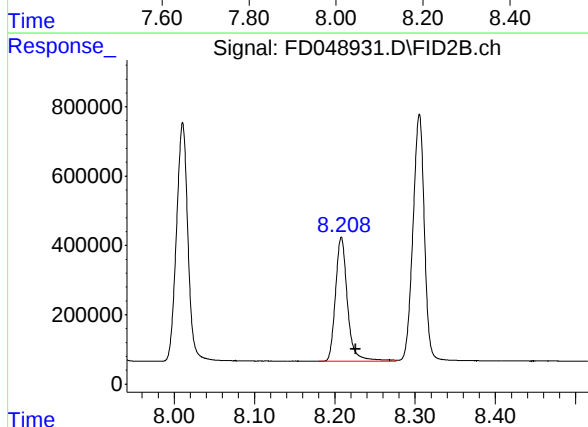
ClientSampleId :

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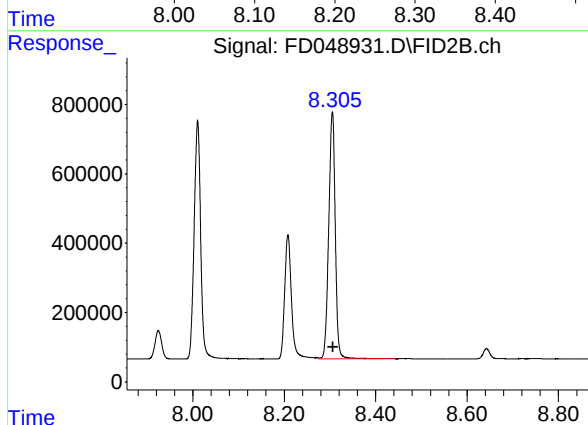
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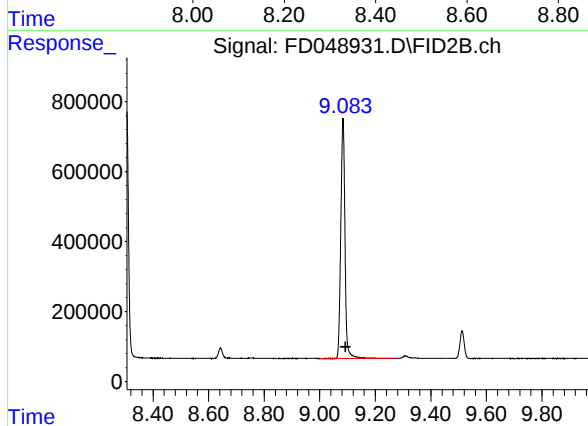
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.208 min
Delta R.T.: -0.018 min
Response: 3717748
Conc: 38.02 ug/ml



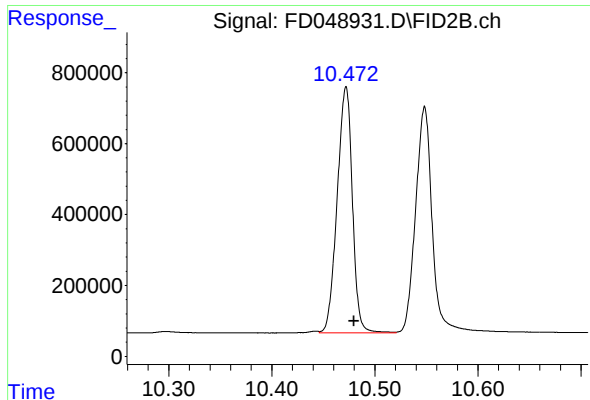
#7 Acenaphthene (C15.5)

R.T.: 8.305 min
Delta R.T.: -0.001 min
Response: 7070177
Conc: 37.26 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.084 min
Delta R.T.: -0.009 min
Response: 7209246
Conc: 40.44 ug/ml



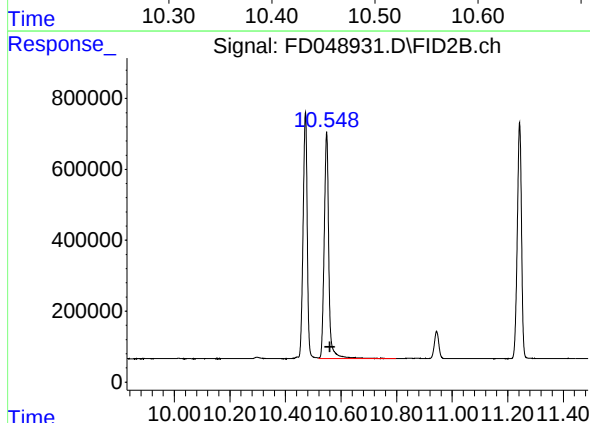
#9 Phenanthrene (C19.36)

R.T.: 10.472 min
Delta R.T.: -0.008 min
Response: 7131194
Conc: 40.66 ug/ml

Instrument :
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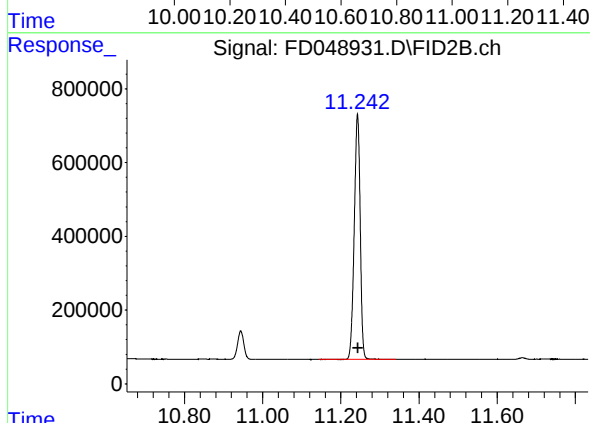
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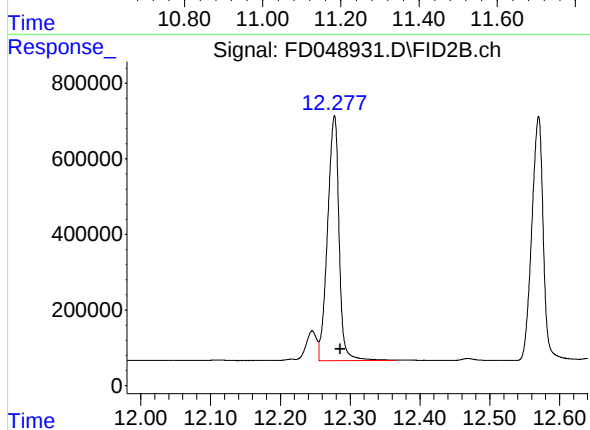
#10 Anthracene (C19.43)

R.T.: 10.548 min
Delta R.T.: -0.013 min
Response: 7329964
Conc: 43.20 ug/ml



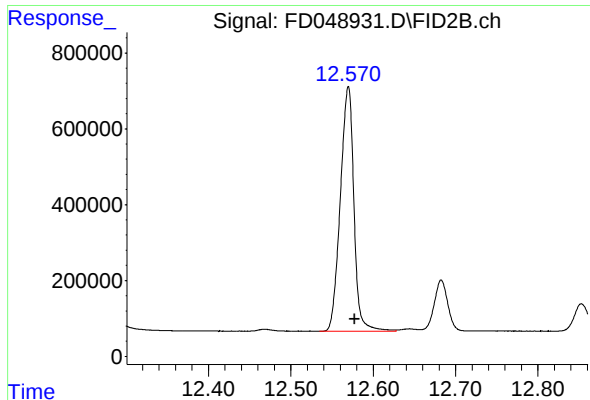
#11 ortho-Terphenyl (SURRE)

R.T.: 11.242 min
Delta R.T.: -0.002 min
Response: 7018003
Conc: 38.24 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.277 min
Delta R.T.: -0.008 min
Response: 7433845
Conc: 41.13 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.569 min
Delta R.T.: -0.009 min
Response: 7378871
Conc: 41.04 ug/ml

Instrument :

FID_D

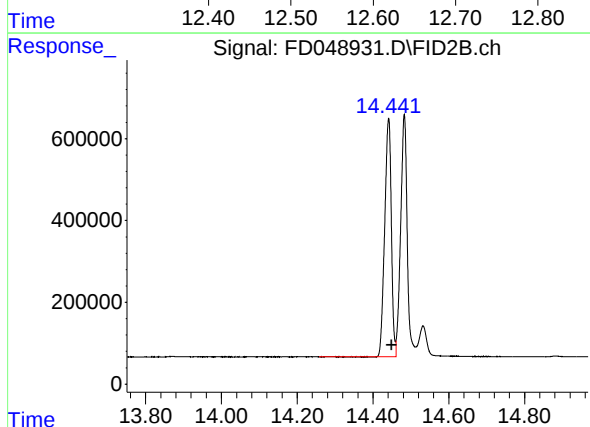
ClientSampleId :

PB166003BSD

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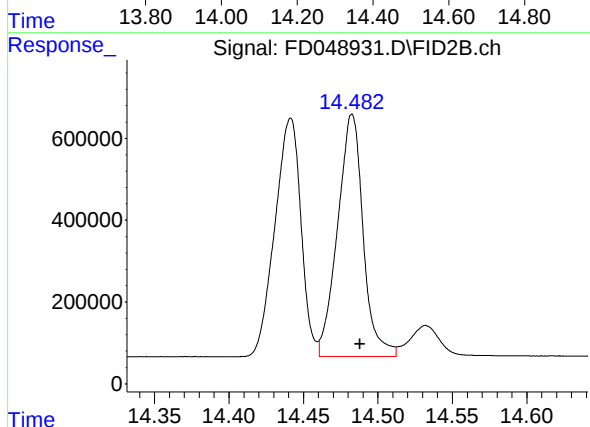
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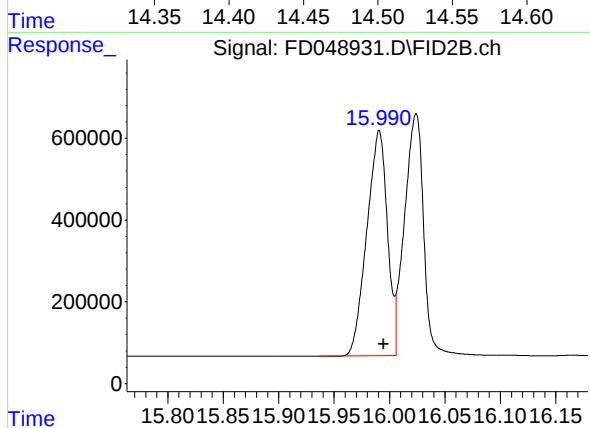
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.440 min
Delta R.T.: -0.010 min
Response: 7087031
Conc: 44.98 ug/ml



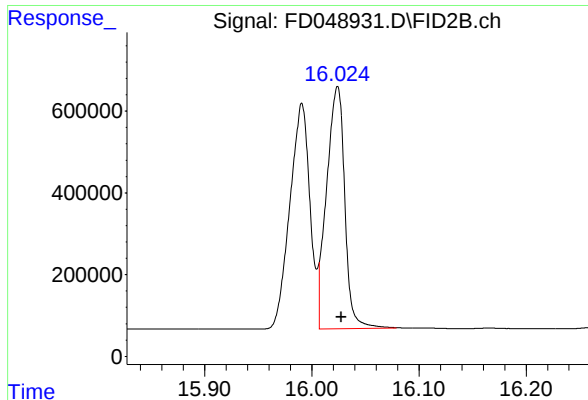
#15 Chrysene (C27.41)

R.T.: 14.482 min
Delta R.T.: -0.006 min
Response: 7072825
Conc: 36.61 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.990 min
Delta R.T.: -0.005 min
Response: 7165828
Conc: 43.34 ug/ml m



#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.024 min
Delta R.T.: -0.004 min
Response: 6955152
Conc: 38.39 ug/ml

Instrument :

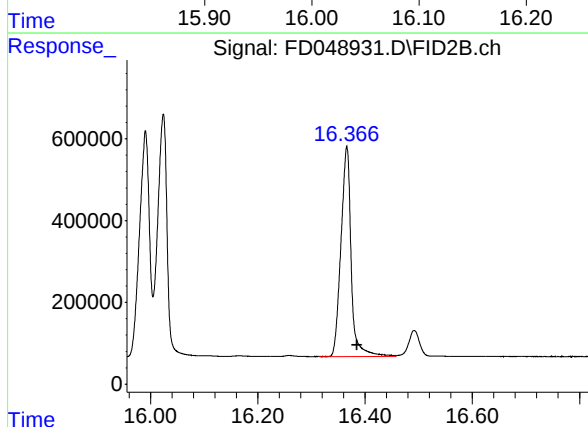
FID_D

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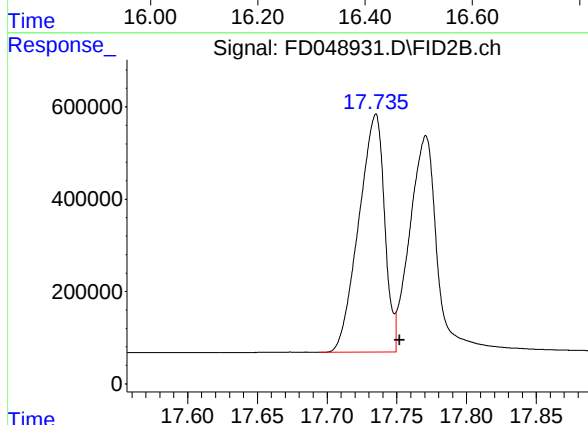
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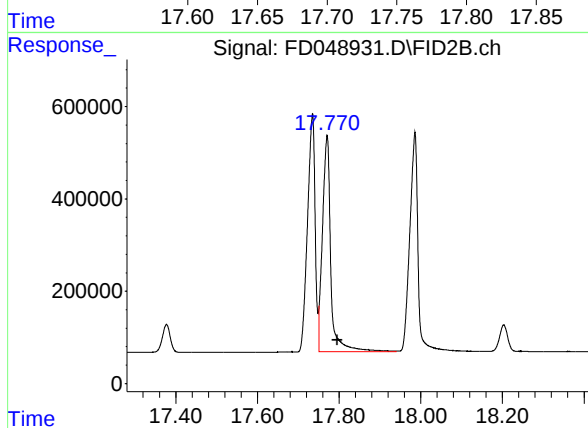
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.365 min
Delta R.T.: -0.020 min
Response: 6812437
Conc: 40.89 ug/ml



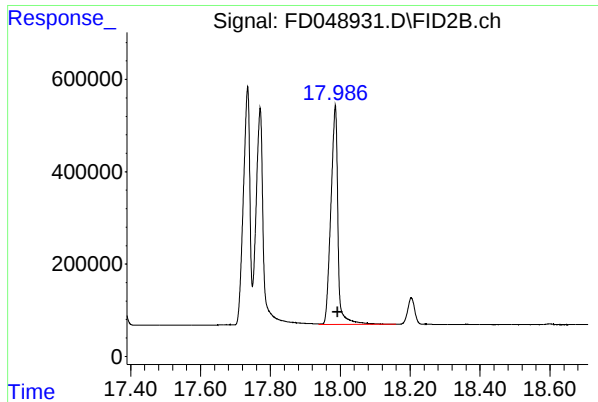
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.735 min
Delta R.T.: -0.017 min
Response: 6634472
Conc: 49.86 ug/ml m



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.769 min
Delta R.T.: -0.027 min
Response: 6615275
Conc: 35.87 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.984 min
Delta R.T.: -0.008 min
Response: 6645752
Conc: 39.81 ug/ml

Instrument :

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